

WHAT IS CLAIMED IS:

1. A sliding window and door system comprising:

a window frame (or door frame) lower member (3) provided with surface members (32,32,32) and rail filling device grooves (33,33) in a window frame (or door frame) base member (31), for inserting rail filling devices (38,38) into the rail filling device grooves (33,33), the rail filling devices (38,38) comprising a rail filling device base member (34) corresponding to the rail filling device grooves (33,33), an elastic member (35), a rail filling member (36), and a roller supporting member (37);

window leaf (or door leaf) lower members (4a,4b) for driving height control rollers (42,42) provided with projections (41,41) to correspond to the rail filling devices (38,38) by inserting the control rollers (42,42) into roller grooves (44,44) formed in window leaf (or door leaf) base members (43,43) to be guided by the projections (41,41) and the rail filling devices (38,38), and for mounting gaskets (45,45,45,45) to maintain air tightness between the window leaf base members (43,43) and the surface members (32,32,32);

a window frame (or door frame) upper member (8) having a window frame (or door frame) base member (81) similar to the window frame base member (31) of the window frame lower member (3), except that rail filling device grooves (33,33) correspond to supporting grooves (82,82) to which upper insertion portions (91,91) of window leaf (or door leaf) upper members (9a,9b) are inserted; and

the window leaf upper members (9a,9b) provided with control rollers

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(93,93) mounted in the upper insertion portions (91,91) to prevent the window leaf from being detached, thereby forming an even structure.

2. The sliding window and door system of claim 1, further comprising:

 window frame (or door frame) lower members (5,6) provided with surface members (52,52,52,62,62,62) in a frame type;

 window leaf (or door leaf) lower members (7a,7b) having a height controlled to correspond to the window frame lower members (5,6);

 window frame (or door frame) upper members (10,20) provided with surface members (102,102,102,202,202,202) formed in a frame type; and

 window leaf (or door leaf) upper members (30a,30b) having a height controlled to correspond to the window frame upper members (10,20), thereby forming a frame type structure.

3. The sliding window and door system of claim 1 or 2, wherein the window leaves (or door leaves) (4a,7a,9a,30a) from an outside or the window leaves (or door leaves) (4b,7b,9b,30b) from an inside are replaced with fixed windows (or fixed doors) (40,50) and finished up with gaskets (401,401,501,501), and a groove (60) in a portion where the fixed windows (or fixed doors) are not mounted is finished up with a fixed window (or fixed door) groove cover (70).

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